

Convert mb to inch of mercury - Conversion of Measurement Units

Convert millibar to inch of mercury [0 °C]

mb**inch of mercury****Convert**

More information from the unit converter

How many mb in 1 inch of mercury? The answer is 33.863886666667. We assume you are converting between **millibar** and **inch of mercury [0 °C]**. You can view more details on each measurement unit: [mb](#) or [inch of mercury](#). The SI derived unit for **pressure** is the pascal. 1 pascal is equal to 0.01 mb, or 0.00029529983071445 inch of mercury. Note that rounding errors may occur, so always check the results. Use this page to learn how to convert between millibars and inches of mercury. Type in your own numbers in the form to convert the units!

Quick conversion chart of mb to inch of mercury

1 mb to inch of mercury = 0.02953 inch of mercury

10 mb to inch of mercury = 0.2953 inch of mercury

20 mb to inch of mercury = 0.5906 inch of mercury

30 mb to inch of mercury = 0.8859 inch of mercury

40 mb to inch of mercury = 1.1812 inch of mercury

50 mb to inch of mercury = 1.4765 inch of mercury

100 mb to inch of mercury = 2.953 inch of mercury

200 mb to inch of mercury = 5.906 inch of mercury

Want other units?

You can do the reverse unit conversion from [inch of mercury to mb](#), or enter any two units below:

Enter two units to convert

From:

To:

Convert

Common pressure conversions

mb to foot water



mb to zettabar



mb to decitorr



mb to foot of air



mb to centihg



mb to meter of head



mb to picobar



mb to millimeter of water



mb to millipascal



mb to terabar



Definition: Millibar

A millibar (mb) is 1/1000th of a bar, a unit for measurement of pressure. It is not an SI unit of measure, however it is one of the units used in meteorology when describing atmospheric pressure. The SI unit is the pascal (Pa), with 1 millibar = 100 pascals (a hectopascal)

Definition: Inch of mercury

Inches of mercury or inHg is a non-SI unit for pressure. It is still widely used for barometric pressure in weather reports and aviation in the United States, but is considered somewhat outdated elsewhere.

It is defined as the pressure exerted by a column of mercury of 1 inch in height at 32 °F (0 °C) at the standard acceleration of gravity.

1 inHg = 3,386.389 pascals at 0 °C.

Aircraft operating at higher altitudes (above 18,000 feet) set their barometric altimeters to a standard pressure of 29.92 inHg or 1,013.2 hPa (1 hPa = 1 mbar) regardless of the actual sea level pressure, with inches of mercury used in the U.S. and Canada. The resulting altimeter readings are known as flight levels.

Piston engine aircraft with constant-speed propellers also use inHg to measure manifold pressure, which is indicative of engine power produced.

🌱 Metric conversions and more

ConvertUnits.com provides an online conversion calculator for all types of measurement units. You can find metric conversion tables for SI units, as well as English units, currency, and other data. Type in unit symbols, abbreviations, or full names for units of length, area, mass, pressure, and other types. Examples include mm, inch, 70 kg, 150 lbs, US fluid ounce, 6'3", 10 stone 4, cubic cm, metres squared, grams, moles, feet per second, and many more!

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